

# Rayoface™ V

Data

White, Biaxially Oriented Polypropylene Film for Facestock Applications

## FEATURES

- Corona treated print surface
- No migratory additives
- High opacity
- Excellent hot/cold moisture resistance
- Recyclable with polyolefin materials
- High stiffness for conversion and automatic dispensing
- Balanced biaxial orientation for superior even die cutting
- High gloss surface

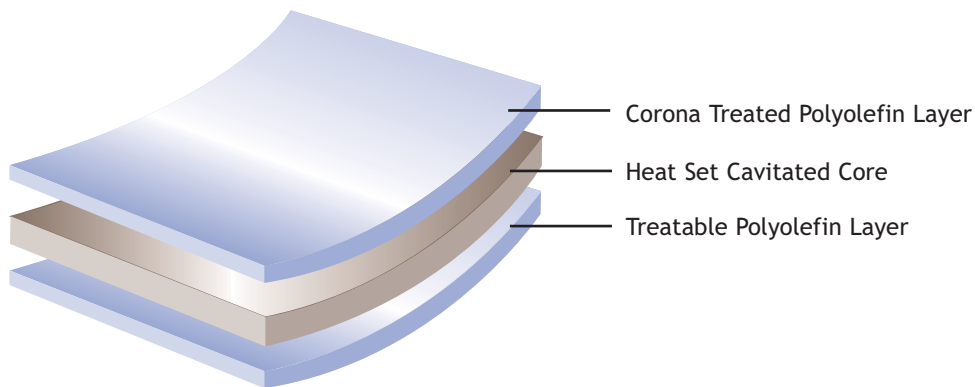
## PRINTABILITY

Rayoface V can be printed by traditional flexographic and gravure processes. However, exact ink systems should be recommended by your supplier. Additional corona treatment is recommended for optimum performance.

## CONVERSION

The balanced biaxial orientation of Rayoface V results in excellent die cutting performance, enhancing label edge appearance and prolonging die life. The high machine direction stiffness and tensile strength produces excellent matrix stripping, superior high speed label dispensing as well as offering high efficiency top coating and adhesive lamination processes.

## CONSTRUCTION



## STANDARD REEL SPECIFICATIONS

Film	Core Size / (mm)	Approx Outside Dia / (mm)	Length / (metres)
V64	153	898	9300
V79	153	824	6300

Alternative reel lengths/core sizes are available subject to negotiation.  
Corona treatment is available on either the inner or outer surface of Rayoface V.

# Rayface™ V \_\_\_\_\_ Data

## Technical Properties (Typical Values)

### Physical Data

Property	Test Method	Test Conditions	Units	V	
Thickness	Innovia Films test		micron	64	79
Yield	Innovia Films test		m <sup>2</sup> /kg g/m <sup>2</sup>	24.0 41.7	19.5 51.3
Optical opacity	Innovia Films test		%	90	91

### Mechanical Data

Tensile strength	ASTM D 882	Strain rate 50%/min	MN/m <sup>2</sup>	MD TD	90 100
Elongation at break	ASTM D 882	Strain rate 50%/min	%	MD TD	50 70
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10%/min	MN/m <sup>2</sup>	MD TD	1400 1200

### Thermal Data

Dimensional stability	Innovia Films test	60 secs at 120°C	%	MD	2.5
		60 secs at 130°C		TD	1.5
				MD	5.0
				TD	0.5

All properties are tested under standard laboratory conditions: 23 ±2°C; 50 ±5% RH, unless otherwise stated.  
 MD Machine direction      TD Transverse direction

### Film Storage

For the storage of Rayface V it is recommended that dry conditions at temperatures below 30°C are employed to minimise any deterioration of surface discharge treatment level.

Rayface V is suitable for use for 6 months from the date of delivery and stocks should be used in rotation. Films should be allowed to reach operating room temperatures for 24 hours before use.

Please refer to literature reference L110 - 1 of 2.

### Food Contact

Rayface V is suitable for most applications involving direct contact with foodstuffs. For specific enquiries, please refer to literature reference L110 - 2 of 2.

### Health and Safety Guidelines

For Health and Safety information, please refer to literature reference L190.



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